3013 (02-09-04)

ANNUAL REPORT

OF

Name: BROOKFIELD MUNICIPAL WATER UTILITY

Principal Office: 2000 NORTH CALHOUN ROAD
BROOKFIELD, WI 53005

For the Year Ended: DECEMBER 31, 1998

WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than $25 nor more than $5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

SIGNATURE PAGE

I ROBERT TISCHER of
(Person responsible for accounts)

BROOKFIELD MUNICIPAL WATER UTILITY , certify that I
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

(Signature of person responsible for accounts) 03/23/1999 (Date)

UTILITY ACCOUNTANT
(Title)

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: BROOKFIELD MUNICIPAL WATER UTILITY
Utility Address: 2000 NORTH CALHOUN ROAD
BROOKFIELD, WI 53005

When was utility organized? 1/8/1960
Report any change in name:
Effective Date:
Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: MR ROBERT JOHN TISCHER
Title: UTILITY ACCOUNTANT
Office Address:
2000 N CALHOUN ROAD
BROOKFIELD, WI 53005

Telephone: (414) 782 - 9650 EXT 249
Fax Number: (414) 796 - 6671
E-mail Address:

Individual or firm, if other than utility employee, preparing this report:

Name: NONE
Title:
Office Address:

Telephone:
Fax Number:
E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

Individual or firm, if other than utility employee, auditing utility records:

Name: VIRCHOW, KRAUSE & COMPANY LLP
Title:
Office Address: VIRCHOW, KRAUSE & COMPANY LLP
19601 W BLUEMOUND RD
BROOKFIELD, WI 53045-5974

Telephone: (414) 796 - 0701
Fax Number:
E-mail Address:
Date of most recent audit report: 12/31/1998
Period covered by most recent audit: JANUARY 1, 1998 THRU DECEMBER 31, 1998

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: MR MARK SIMON
Title: WATER SUPERINTENDENT
Office Address:
19450 RIVERVIEW DR

Telephone: (414) 796 - 6717
Fax Number: (414) 782 - 0485
E-mail Address:

Name of utility commission/committee: WATER BOARD

Names of members of utility commission/committee:

MRS KATHRYN BLOOMBERG, MAYOR
MR NORMAN DRAEGER, CHAIRMAN, ALDERMAN
MR JAMES GARVENS, ALDERMAN
MR WILLIAM A. MUTH, JR, DIRECTOR OF PUBLIC WORKS
MR PHILIP NICK, ALDERMAN
MR RICHARD WITTE, ALDERMAN

Is sewer service rendered by the utility? NO
If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO
Date of Ordinance:

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

Firm Name:

Contact Person:
Title:
Telephone:
Fax Number:
E-mail Address:

Contract/Agreement beginning-ending dates:
Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	3,306,576	3,059,762	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	1,293,442	1,201,760	2
Depreciation Expense (403)	778,732	720,083	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	730,938	688,554	5
Total Operating Expenses	**2,803,112**	**2,610,397**	
Net Operating Income	**503,464**	**449,365**	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	**503,464**	**449,365**	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	596,022	568,686	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	**596,022**	**568,686**	
Total Income	**1,099,486**	**1,018,051**	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	**0**	**0**	
Income Before Interest Charges	**1,099,486**	**1,018,051**	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	0	0	14
Amortization of Debt Discount and Expense (428)	13,359	8,814	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	714,878	631,482	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	**728,237**	**640,296**	
Net Income	**371,249**	**377,755**	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	2,921,149	2,543,394	20
Balance Transferred from Income (433)	371,249	377,755	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
Total Unappropriated Earned Surplus End of Year (216)	**3,292,398**	**2,921,149**	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	**0**	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	**0**	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	**0**	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	**0**	
Interest and Dividend Income (419):		
INTEREST INCOME FROM INVESTMENTS	467,815	5
INTEREST INCOME FROM SPECIAL ASSESSMENTS	128,207	6
Total (Acct. 419):	**596,022**	
Miscellaneous Nonoperating Income (421):		
NONE		7
Total (Acct. 421):	**0**	
Miscellaneous Amortization (425):		
NONE		8
Total (Acct. 425):	**0**	
Other Income Deductions (426):		
NONE		9
Total (Acct. 426):	**0**	
Miscellaneous Credits to Surplus (434):		
NONE		10
Total (Acct. 434):	**0**	
Miscellaneous Debits to Surplus (435):		
NONE		11
Total (Acct. 435)--Debit:	**0**	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		12
Total (Acct. 436)--Debit:	**0**	
Appropriations of Income to Municipal Funds (439):		
NONE		13
Total (Acct. 439)--Debit:	**0**	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)					**0**	**1**
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					**0**	**2**
Payroll					**0**	**3**
Materials					**0**	**4**
Taxes					**0**	**5**
Other (list by major classes):						
NONE					**0**	**6**
Total costs and expenses	**0**	**0**	**0**	**0**	**0**	
Net income (or loss)	**0**	**0**	**0**	**0**	**0**	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	3,306,576	0	0	0	**3,306,576**	**1**
Less: interdepartmental sales	0		0	0	**0**	**2**
Less: interdepartmental rents	0	0		0	**0**	**3**
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				**0**	**4**
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					**0**	**5**
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					**0**	**6**
Revenues subject to Wisconsin Remainder Assessment	**3,306,576**	**0**	**0**	**0**	**3,306,576**	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	413,509	72,701	**486,210**	**1**
Electric operating expenses			**0**	**2**
Gas operating expenses			**0**	**3**
Heating operating expenses			**0**	**4**
Sewer operating expenses	21,572	2,529	**24,101**	**5**
Merchandising and jobbing			**0**	**6**
Other nonutility expenses			**0**	**7**
Water utility plant accounts	17,146		**17,146**	**8**
Electric utility plant accounts			**0**	**9**
Gas utility plant accounts			**0**	**10**
Heating utility plant accounts			**0**	**11**
Sewer utility plant accounts			**0**	**12**
Accum. prov. for depreciation of water plant			**0**	**13**
Accum. prov. for depreciation of electric plant			**0**	**14**
Accum. prov. for depreciation of gas plant			**0**	**15**
Accum. prov. for depreciation of heating plant			**0**	**16**
Accum. prov. for depreciation of sewer plant			**0**	**17**
Clearing accounts	75,230	(75,230)	**0**	**18**
All other accounts			**0**	**19**
Total Payroll	**527,457**	**0**	**527,457**	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	42,971,880	40,425,815	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	6,302,284	5,543,790	2
Net Utility Plant	**36,669,596**	**34,882,025**	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
Total Net Utility Plant	**36,669,596**	**34,882,025**	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
Net Nonutility Property	**0**	**0**	
Investment in Municipality (123)	0	0	7
Other Investments (124)	2,203,630	2,226,356	8
Special Funds (125-128)	0	0	9
Total Other Property and Investments	**2,203,630**	**2,226,356**	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	3,160,619	2,260,710	10
Special Deposits (132-134)	0	0	11
Working Funds (135)			12
Temporary Cash Investments (136)	4,926,652	5,175,148	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	633,286	573,815	15
Other Accounts Receivable (143)	0	0	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	631,512	616,190	18
Materials and Supplies (151-163)	25,851	24,442	19
Prepayments (165)	0	0	20
Interest and Dividends Receivable (171)	67,547	63,465	21
Accrued Utility Revenues (173)			22
Miscellaneous Current and Accrued Assets (174)			23
Total Current and Accrued Assets	**9,445,467**	**8,713,770**	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	206,337	193,558	24
Other Deferred Debits (182-186)	256,328	133,833	25
Total Deferred Debits	**462,665**	**327,391**	
Total Assets and Other Debits	**48,781,358**	**46,149,542**	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	3,681,274	3,681,274	**26**
Appropriated Earned Surplus (215)			**27**
Unappropriated Earned Surplus (216)	3,292,398	2,921,149	**28**
Total Proprietary Capital	**6,973,672**	**6,602,423**	
LONG-TERM DEBT			
Bonds (221-222)	0	0	**29**
Advances from Municipality (223)	12,500,000	12,150,000	**30**
Other Long-Term Debt (224)	0	0	**31**
Total Long-Term Debt	**12,500,000**	**12,150,000**	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	**32**
Accounts Payable (232)	200,121	281,814	**33**
Payables to Municipality (233)	0	0	**34**
Customer Deposits (235)			**35**
Taxes Accrued (236)	695,353	656,582	**36**
Interest Accrued (237)	213,306	168,874	**37**
Matured Long-Term Debt (239)			**38**
Matured Interest (240)			**39**
Tax Collections Payable (241)			**40**
Miscellaneous Current and Accrued Liabilities (242)	78,353	98,071	**41**
Total Current and Accrued Liabilities	**1,187,133**	**1,205,341**	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	**42**
Customer Advances for Construction (252)			**43**
Other Deferred Credits (253)	0	0	**44**
Total Deferred Credits	**0**	**0**	
OPERATING RESERVES			
Property Insurance Reserve (261)			**45**
Injuries and Damages Reserve (262)			**46**
Pensions and Benefits Reserve (263)			**47**
Miscellaneous Operating Reserves (265)			**48**
Total Operating Reserves	**0**	**0**	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	28,120,553	26,191,778	**49**
Total Liabilities and Other Credits	**48,781,358**	**46,149,542**	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	42,312,102	0	0	0	**1**
Utility Plant Purchased or Sold (102)					**2**
Utility Plant in Process of Reclassification (103)					**3**
Utility Plant Leased to Others (104)					**4**
Property Held for Future Use (105)					**5**
Completed Construction not Classified (106)					**6**
Construction Work in Progress (107)	659,778				**7**
Total Utility Plant	42,971,880	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	6,302,284	0	0	0	**8**
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					**9**
Accumulated Provision for Depreciation of Property Held for Future Use (113)					**10**
Accumulated Provision for Amortization of Utility Plant in Service (114)					**11**
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					**12**
Accumulated Provision for Amortization of Property Held for Future Use (116)					**13**
Total Accumulated Provision	6,302,284	0	0	0	
Net Utility Plant	36,669,596	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:
1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
   If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	5,543,790				**5,543,790**	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	778,732				**778,732**	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	23,369				**23,369**	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	7,627				**7,627**	10
Other credits (specify):						11
					0	12
Total credits	**809,728**	**0**	**0**	**0**	**809,728**	13
Debits during year						14
Book cost of plant retired	51,234				**51,234**	15
Cost of removal	0				**0**	16
Other debits (specify):						17
					0	18
Total debits	**51,234**	**0**	**0**	**0**	**51,234**	19
Balance End of Year	**6,302,284**	**0**	**0**	**0**	**6,302,284**	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of $5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			**0**	**1**
Other (specify):					
NONE	0			**0**	**2**
Total Nonutility Property (121)	**0**	**0**	**0**	**0**	
Less accum. prov. depr. & amort. (122)	0			**0**	**3**
Net Nonutility Property	**0**	**0**	**0**	**0**	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	**0**	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	**0**	
Balance end of year	**0**	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)					**0**	0	**1**
Fuel stock expenses (152)					**0**	0	**2**
Plant mat. & oper. sup. (154)					**0**	0	**3**
Total Electric Utility					**0**	**0**	

Account	Total End of Year	Amount Prior Year	
Electric utility total	**0**	**0**	**1**
Water utility (154)	25,851	24,442	**2**
Sewer utility (154)		0	**3**
Heating utility (154)		0	**4**
Gas utility (154)		0	**5**
Merchandise (155)		0	**6**
Other materials & supplies (156)		0	**7**
Stores expense (163)		0	**8**
Total Materials and Supplies	**25,851**	**24,442**	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)		Written Off During Year: Amount (b)	Written Off During Year: Account Charged or Credited (c)	Balance End of Year (d)	
Unamortized debt discount & expense (181)					
1995.7.1 ISSUE	$ 910,000 G.O. BONDS	1,422	428	14,101	**1**
1996.6.1 ISSUE	$1,740,000 G.O. BONDS	1,829	428	30,936	**2**
1997.6.1 ISSUE	$2,410,000 G.O. BONDS	2,641	428	46,652	**3**
1997.9.30 ISSUE	$1,125,000 G.O. BONDS	6,896	428	89,081	**4**
1998.8.1 ISSUE	$1,389,000 G.O. BONDS	571	428	25,567	**5**
Total				**206,337**	
Unamortized premium on debt (251)					
NONE		0	0	0	**6**
Total				**0**	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	3,681,274	1
Changes during year (explain):		
NONE		2
Balance end of year	**3,681,274**	

BONDS (ACCTS. 221 AND 222)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
Total Reacquired Bonds (Account 222)				0	**1**
Net amount of bonds outstanding December 31:				**0**	

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances (223)					
G. O. BONDS	05/01/1991	05/01/2011	6.85%	275,000	**1**
G. O. BONDS	05/01/1992	05/01/2002	4.93%	235,000	**2**
G. O. BONDS	06/15/1993	11/01/2012	5.85%	3,500,000	**3**
G. O. BONDS	07/01/1995	12/01/2008	5.05%	785,000	**4**
G.O. BONDS	09/01/1989	09/01/2002	7.50%	720,000	**5**
G.O. BONDS	06/01/1996	12/01/2015	5.29%	1,630,000	**6**
G.O. BONDS	06/01/1997	09/01/2016	4.95%	2,266,000	**7**
G.O. BONDS	09/30/1997	03/15/2011	4.85%	1,080,000	**8**
G.O. BONDS	08/01/1998	09/01/2010	4.28%	1,389,000	**9**
G. O. BONDS	03/15/1990	03/15/2002	7.90%	620,000	**10**
Total for Account 223				**12,500,000**	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	656,582	1
Accruals:		
Charged water department expense	730,938	2
Charged electric department expense		3
Charged sewer department expense	7,435	4
Other (explain):		
NONE		5
Total Accruals and other credits	**738,373**	
Taxes paid during year:		
County, state and local taxes	656,582	6
Social Security taxes	38,802	7
PSC Remainder Assessment	4,218	8
Other (explain):		
NONE		9
Total payments and other debits	**699,602**	
Balance end of year	**695,353**	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
NONE	0			**0**	**1**
Subtotal	**0**	**0**	**0**	**0**	
Advances from Municipality (223)					
1989 BOND ISSUE	18,852	53,248	56,555	**15,545**	**2**
1990 BOND ISSUE	16,640	44,700	49,250	**12,090**	**3**
1991 BOND ISSUE	3,629	18,457	19,286	**2,800**	**4**
1992 BOND ISSUE	2,636	14,085	14,518	**2,203**	**5**
1993 BOND ISSUE	33,075	196,083	198,450	**30,708**	**6**
1995 BOND ISSUE	3,528	42,138	42,330	**3,336**	**7**
1996 BOND ISSUE	7,540	90,152	90,480	**7,212**	**8**
1997 BOND ISSUE	69,482	116,761	148,891	**37,352**	**9**
1997 REFUNDING BOND ISSUE	13,492	52,332	50,686	**15,138**	**10**
1998 BOND ISSUE		86,922	0	**86,922**	**11**
Subtotal	**168,874**	**714,878**	**670,446**	**213,306**	
Other Long-Term Debt (224)					
NONE	0			**0**	**12**
Subtotal	**0**	**0**	**0**	**0**	
Notes Payable (231)					
NONE	0			**0**	**13**
Subtotal	**0**	**0**	**0**	**0**	
Total	**168,874**	**714,878**	**670,446**	**213,306**	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric Distribution (c)	Electric Other (d)	Sewer (e)	Gas (f)	Total (g)	
Balance First of Year	26,191,778	0	0	0	0	**26,191,778**	1
Add credits during year:							
For Services	111,218					**111,218**	2
For Mains	1,739,516					**1,739,516**	3
Other (specify):							
For Hydrants	78,041					**78,041**	4
Deduct charges (specify):							
NONE						**0**	5
Balance End of Year	**28,120,553**	**0**	**0**	**0**	**0**	**28,120,553**	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	0					**0**	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	**0**	
Other Investments (124):		
SPECIAL ASSESSMENTS	2,203,630	2
Total (Acct. 124):	**2,203,630**	
Sinking Funds (125):		
NONE		3
Total (Acct. 125):	**0**	
Depreciation Fund (126):		
NONE		4
Total (Acct. 126):	**0**	
Other Special Funds (128):		
NONE		5
Total (Acct. 128):	**0**	
Interest Special Deposits (132):		
NONE		6
Total (Acct. 132):	**0**	
Other Special Deposits (134):		
NONE		7
Total (Acct. 134):	**0**	
Notes Receivable (141):		
NONE		8
Total (Acct. 141):	**0**	
Customer Accounts Receivable (142):		
Water	633,286	9
Electric		10
Sewer (Regulated)		11
Other (specify):		
NONE		12
Total (Acct. 142):	**633,286**	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		13
Merchandising, jobbing and contract work		14
Other (specify):		
NONE		15
Total (Acct. 143):	**0**	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Receivables from Municipality (145):		
1998 TAX ROLL: SPECIAL ASSESSMENTS	536,893	16
DELIQUENT UTILITES	60,107	17
STANDBY WATER SERVICE	34,512	18
Total (Acct. 145):	**631,512**	
Prepayments (165):		
NONE		19
Total (Acct. 165):	**0**	
Extraordinary Property Losses (182):		
NONE		20
Total (Acct. 182):	**0**	
Preliminary Survey and Investigation Charges (183):		
NONE		21
Total (Acct. 183):	**0**	
Clearing Accounts (184):		
NONE		22
Total (Acct. 184):	**0**	
Temporary Facilities (185):		
NONE		23
Total (Acct. 185):	**0**	
Miscellaneous Deferred Debits (186):		
PAINTING COST OF I-94 STANDPIPE	107,067	24
PAINTING COST OF CAPITOL DR. TOWER	149,261	25
Total (Acct. 186):	**256,328**	
Payables to Municipality (233):		
NONE		26
Total (Acct. 233):	**0**	
Other Deferred Credits (253):		
NONE		27
Total (Acct. 253):	**0**	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	41,158,482	0	0	0	**41,158,482**	**1**
Materials and Supplies	25,146	0	0	0	**25,146**	**2**
Other (specify):						
NONE					**0**	**3**
Less Average:						
Reserve for Depreciation	5,923,037	0	0	0	**5,923,037**	**4**
Customer Advances for Construction					**0**	**5**
Contributions in Aid of Construction	27,156,165	0	0	0	**27,156,165**	**6**
Other (specify):						
NONE					**0**	**7**
Average Net Rate Base	**8,104,426**	**0**	**0**	**0**	**8,104,426**	
Net Operating Income	503,464	0	0	0	**503,464**	**8**
Net Operating Income as a percent of Average Net Rate Base	**6.21%**	**N/A**	**N/A**	**N/A**	**6.21%**	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	3,681,274	**1**
Appropriated Earned Surplus	0	**2**
Unappropriated Earned Surplus	3,106,773	**3**
Other (Specify):		
NONE		**4**
Total Average Proprietary Capital	**6,788,047**	
Net Income		
Net Income	371,249	**5**
Percent Return on Proprietary Capital	**5.47%**	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

The Public Service Commission of Wisconsin authorized the utility by order 0760-WQ-100 (simplified rate case) to increase water rates, to be effective June 1, 1998.

5. Obligations incurred or assumed, excluding commercial paper.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Balance Sheet End-of-Year Account Balances (Page F-19)

Miscellaneous Deferred Debits (186) - Amortization of the 1995 painting of the I-94 Standpipe (file DWCCA-0760-DBS dated 10/31/95), and amoritization of the 1998 painting of the Capital Drive water tower (file DWCCA-0760-BJM dated January 25, 1999).

Identification and Ownership (Page iv)

June 16, 1999

Mr. Robert J. Tischer, Utility Accountant
Brookfield Municipal Water Utility
2000 North Calhoun Road
Brookfield, WI 53005-5095

1998 Analytical Review DWCCA-760-ELE

Dear Mr. Tischer:

The Public Service Commission has completed their analytical review of your 1998 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report.

Wisconsin Administrative Code § PSC 185.76 requires periodic testing of customer meters to ensure their accuracy. In reviewing the annual reports we determined that your 6 inch water meters have not been tested at the appropriate frequency. If these meters become inaccurate, considerable revenues are lost. During 1999 we advise your utility to test its 6 inch meters in compliance with PSC 185.76. If you have questions, please contact Bruce Schmidt at (608) 266-5726.

Thank you for your efforts in preparing your 1998 annual report. You may consider our review closed. If you have any questions, please feel free to contact me at (608) 266-3768.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

ELE:tlk:w:\compl\1998 analytical review letters\june 16 1999 letters e.doc

cc: Mr. Norman Draeger, Chairman

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	3,208,332	**1**
Total Sales of Water	**3,208,332**	
Other Operating Revenues		
Forfeited Discounts (470)	17,013	**2**
Miscellaneous Service Revenues (471)	0	**3**
Rents from Water Property (472)	26,460	**4**
Interdepartmental Rents (473)	0	**5**
Other Water Revenues (474)	54,771	**6**
Amortization of Construction Grants (475)	0	**7**
Total Other Operating Revenues	**98,244**	
Total Operating Revenues	**3,306,576**	
Operation and Maintenenance Expenses		
Source of Supply Expense (600-617)	14,038	**8**
Pumping Expenses (620-633)	602,440	**9**
Water Treatment Expenses (640-652)	101,235	**10**
Transmission and Distribution Expenses (660-678)	278,955	**11**
Customer Accounts Expenses (901-905)	48,813	**12**
Sales Expenses (910)	0	**13**
Administrative and General Expenses (920-932)	247,961	**14**
Total Operation and Maintenenance Expenses	**1,293,442**	
Other Operating Expenses		
Depreciation Expense (403)	778,732	**15**
Amortization Expense (404-407)		**16**
Taxes (408)	730,938	**17**
Total Other Operating Expenses	**1,509,670**	
Total Operating Expenses	**2,803,112**	
NET OPERATING INCOME	**503,464**	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial				2
Industrial				3
Total Unmetered Sales to General Customers (460)	**0**	**0**	**0**	
Metered Sales to General Customers (461)				
Residential	6,979	679,667	1,661,625	4
Commercial	840	344,877	673,241	5
Industrial	13	34,401	53,680	6
Total Metered Sales to General Customers (461)	**7,832**	**1,058,945**	**2,388,546**	
Private Fire Protection Service (462)	277		96,685	7
Public Fire Protection Service (463)	1		672,327	8
Other Sales to Public Authorities (464)	18	27,076	50,774	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
Total Sales of Water	**8,128**	**1,086,021**	**3,208,332**	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)

NONE

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	672,327	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	**672,327**	
Forfeited Discounts (470):		
Customer late payment charges	17,013	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	**17,013**	
Miscellaneous Service Revenues (471):		
NONE		7
Total Miscellaneous Service Revenues (471)	**0**	
Rents from Water Property (472):		
CELLULAR COMMUNICATION COMPANIES RENT	26,460	8
Total Rents from Water Property (472)	**26,460**	
Interdepartmental Rents (473):		
NONE		9
Total Interdepartmental Rents (473)	**0**	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	19,014	10
Other (specify):		
STANDBY WATER SERVICE	34,512	11
MISCELLANEOUS	1,245	12
Total Other Water Revenues (474)	**54,771**	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	**0**	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)		8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)	14,038	10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	**14,038**	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)	36,333	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	303,086	17
Pumping Labor and Expenses (624)	58,784	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	58,107	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	7,519	22
Maintenance of Structures and Improvements (631)	5,843	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	132,768	25
Total Pumping Expenses	**602,440**	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	14,743	26
Chemicals (641)	51,471	27

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	25,559	**28**
Miscellaneous Expenses (643)	1,190	**29**
Rents (644)		**30**
Maintenance Supervision and Engineering (650)	2,572	**31**
Maintenance of Structures and Improvements (651)		**32**
Maintenance of Water Treatment Equipment (652)	5,700	**33**
Total Water Treatment Expenses	**101,235**	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	21,706	**34**
Storage Facilities Expenses (661)	1,122	**35**
Transmission and Distribution Lines Expenses (662)	41,819	**36**
Meter Expenses (663)		**37**
Customer Installations Expenses (664)		**38**
Miscellaneous Expenses (665)	13,289	**39**
Rents (666)		**40**
Maintenance Supervision and Engineering (670)	12,910	**41**
Maintenance of Structures and Improvements (671)		**42**
Maintenance of Distribution Reservoirs and Standpipes (672)	62,622	**43**
Maintenance of Transmission and Distribution Mains (673)	70,763	**44**
Maintenance of Fire Mains (674)		**45**
Maintenance of Services (675)	13,677	**46**
Maintenance of Meters (676)	9,865	**47**
Maintenance of Hydrants (677)	31,182	**48**
Maintenance of Miscellaneous Plant (678)		**49**
Total Transmission and Distribution Expenses	**278,955**	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	18,522	**50**
Meter Reading Labor (902)	12,991	**51**
Customer Records and Collection Expenses (903)	17,300	**52**
Uncollectible Accounts (904)		**53**

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than $10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		**54**
Total Customer Accounts Expenses	**48,813**	
SALES EXPENSES		
Sales Expenses (910)		**55**
Total Sales Expenses	**0**	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	25,730	**56**
Office Supplies and Expenses (921)	9,995	**57**
Administrative Expenses Transferred--Credit (922)		**58**
Outside Services Employed (923)	38,489	**59**
Property Insurance (924)	24,130	**60**
Injuries and Damages (925)	419	**61**
Employee Pensions and Benefits (926)	139,817	**62**
Regulatory Commission Expenses (928)	120	**63**
Duplicate Charges--Credit (929)		**64**
Miscellaneous General Expenses (930)	2,472	**65**
Rents (931)	4,100	**66**
Maintenance of General Plant (932)	2,689	**67**
Total Administrative and General Expenses	**247,961**	
Total Operation and Maintenance Expenses	**1,293,442**	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		695,354	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		7,435	2
Net property tax equivalent		**687,919**	
Social Security		38,802	3
PSC Remainder Assessment		4,218	4
Other (specify): DIFFERENCE ON PAGE W-7, LINE 30 & 34		(1)	5
Total tax expense		**730,938**	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Waukesha				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.219362				3
County tax rate	mills		2.939381				4
Local tax rate	mills		6.536277				5
School tax rate	mills		12.608133				6
Voc. school tax rate	mills		1.465557				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		**23.768710**				10
Less: state credit	mills		2.062073				11
Net tax rate	mills		**21.706637**				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		**6.536277**				14
Combined School Tax Rate	mills		**14.073690**				15
Other Tax Rate - Local	mills		**0.000000**				16
Total Local & School Tax	mills		**20.609967**				17
Total Tax Rate	mills		**23.768710**				18
Ratio of Local and School Tax to Total	dec.		**0.867105**				19
Total tax net of state credit	mills		**21.706637**				20
Net Local and School Tax Rate	mills		**18.821933**				21
Utility Plant, Jan. 1	$	**40,425,815**	40,425,815				22
Materials & Supplies	$	**24,442**	24,442				23
Subtotal	$	**40,450,257**	**40,450,257**				24
Less: Plant Outside Limits	$	**0**	0				25
Taxable Assets	$	**40,450,257**	**40,450,257**				26
Assessment Ratio	dec.		0.913314				27
Assessed Value	$	**36,943,786**	**36,943,786**				28
Net Local & School Rate	mills		**18.821933**				29
Tax Equiv. Computed for Current Year	$	**695,353**	**695,353**				30
Tax Equivalent per 1994 PSC Report	$	489,453					31
Any lower tax equivalent as authorized by municipality (see note 6)	$						32 33
Tax equiv. for current year (see note 6)	$	**695,354**					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	324		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	**324**	**0**	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	79,182		4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	1,552,905		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	**1,632,087**	**0**	
PUMPING PLANT			
Land and Land Rights (320)	0		12
Structures and Improvements (321)	1,365,370		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	2,023,279	169,620	17
Diesel Pumping Equipment (326)	30,096		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	51,195		20
Total Pumping Plant	**3,469,940**	**169,620**	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	760,122		23
Total Water Treatment Plant	**760,122**	**0**	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	26,400		24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			**324**	**1**
Franchises and Consents (302)			**0**	**2**
Miscellaneous Intangible Plant (303)			**0**	**3**
Total Intangible Plant	**0**	**0**	**324**	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)			**79,182**	**4**
Structures and Improvements (311)			**0**	**5**
Collecting and Impounding Reservoirs (312)			**0**	**6**
Lake, River and Other Intakes (313)			**0**	**7**
Wells and Springs (314)			**1,552,905**	**8**
Infiltration Galleries and Tunnels (315)			**0**	**9**
Supply Mains (316)			**0**	**10**
Other Water Source Plant (317)			**0**	**11**
Total Source of Supply Plant	**0**	**0**	**1,632,087**	
PUMPING PLANT				
Land and Land Rights (320)			**0**	**12**
Structures and Improvements (321)			**1,365,370**	**13**
Boiler Plant Equipment (322)			**0**	**14**
Other Power Production Equipment (323)			**0**	**15**
Steam Pumping Equipment (324)			**0**	**16**
Electric Pumping Equipment (325)	13,447		**2,179,452**	**17**
Diesel Pumping Equipment (326)			**30,096**	**18**
Hydraulic Pumping Equipment (327)			**0**	**19**
Other Pumping Equipment (328)			**51,195**	**20**
Total Pumping Plant	**13,447**	**0**	**3,626,113**	
WATER TREATMENT PLANT				
Land and Land Rights (330)			**0**	**21**
Structures and Improvements (331)			**0**	**22**
Water Treatment Equipment (332)			**760,122**	**23**
Total Water Treatment Plant	**0**	**0**	**760,122**	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			**26,400**	**24**
Structures and Improvements (341)			**0**	**25**

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	2,871,445		**26**
Transmission and Distribution Mains (343)	23,210,210	1,573,864	**27**
Fire Mains (344)	0		**28**
Services (345)	3,878,009	316,120	**29**
Meters (346)	865,042	49,970	**30**
Hydrants (348)	2,502,726	172,997	**31**
Other Transmission and Distribution Plant (349)	4,913		**32**
Total Transmission and Distribution Plant	**33,358,745**	**2,112,951**	
GENERAL PLANT			
Land and Land Rights (389)	0		**33**
Structures and Improvements (390)	27,361		**34**
Office Furniture and Equipment (391)	15,083		**35**
Computer Equipment (391.1)	70,017	2,122	**36**
Transportation Equipment (392)	174,560	18,369	**37**
Stores Equipment (393)	0		**38**
Tools, Shop and Garage Equipment (394)	70,342	7,183	**39**
Laboratory Equipment (395)	5,531	575	**40**
Power Operated Equipment (396)	56,207		**41**
Communication Equipment (397)	24,014	1,694	**42**
SCADA Equipment (397.1)	340,529	45,960	**43**
Miscellaneous Equipment (398)	0		**44**
Other Tangible Property (399)	0		**45**
Total General Plant	**783,644**	**75,903**	
Total utility plant in service directly assignable	**40,004,862**	**2,358,474**	
Common Utility Plant Allocated to Water Department	0		**46**
Total utility plant in service	**40,004,862**	**2,358,474**	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			**2,871,445**	**26**
Transmission and Distribution Mains (343)			**24,784,074**	**27**
Fire Mains (344)			**0**	**28**
Services (345)			**4,194,129**	**29**
Meters (346)	2,880		**912,132**	**30**
Hydrants (348)			**2,675,723**	**31**
Other Transmission and Distribution Plant (349)			**4,913**	**32**
Total Transmission and Distribution Plant	**2,880**	**0**	**35,468,816**	
GENERAL PLANT				
Land and Land Rights (389)			**0**	**33**
Structures and Improvements (390)			**27,361**	**34**
Office Furniture and Equipment (391)			**15,083**	**35**
Computer Equipment (391.1)			**72,139**	**36**
Transportation Equipment (392)	34,907		**158,022**	**37**
Stores Equipment (393)			**0**	**38**
Tools, Shop and Garage Equipment (394)			**77,525**	**39**
Laboratory Equipment (395)			**6,106**	**40**
Power Operated Equipment (396)			**56,207**	**41**
Communication Equipment (397)			**25,708**	**42**
SCADA Equipment (397.1)			**386,489**	**43**
Miscellaneous Equipment (398)			**0**	**44**
Other Tangible Property (399)			**0**	**45**
Total General Plant	**34,907**	**0**	**824,640**	
Total utility plant in service directly assignable	**51,234**	**0**	**42,312,102**	
Common Utility Plant Allocated to Water Department			**0**	**46**
Total utility plant in service	**51,234**	**0**	**42,312,102**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)	0			1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	0			3
Wells and Springs (314)	387,854	3.53%	54,817	4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0			6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	**387,854**		**54,817**	
PUMPING PLANT				
Structures and Improvements (321)	187,663	2.68%	36,592	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	594,936	5.30%	111,372	12
Diesel Pumping Equipment (326)	3,616	5.15%	1,550	13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	15,842	5.15%	2,637	15
Total Pumping Plant	**802,057**		**152,151**	
WATER TREATMENT PLANT				
Structures and Improvements (331)	0			16
Water Treatment Equipment (332)	81,259	3.67%	27,896	17
Total Water Treatment Plant	**81,259**		**27,896**	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	792,647	2.12%	60,875	19
Transmission and Distribution Mains (343)	1,692,336	1.06%	254,370	20
Fire Mains (344)	0			21
Services (345)	709,098	2.30%	92,829	22
Meters (346)	323,408	5.26%	46,740	23
Hydrants (348)	313,565	1.71%	44,276	24
Other Transmission and Distribution Plant (349)	614	5.00%	246	25
Total Transmission and Distribution Plant	**3,831,668**		**499,336**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					**0**	**1**
312					**0**	**2**
313					**0**	**3**
314					**442,671**	**4**
315					**0**	**5**
316					**0**	**6**
317					**0**	**7**
	0	**0**	**0**	**0**	**442,671**	
321					**224,255**	**8**
322					**0**	**9**
323					**0**	**10**
324					**0**	**11**
325	13,447				**692,861**	**12**
326					**5,166**	**13**
327					**0**	**14**
328					**18,479**	**15**
	13,447	**0**	**0**	**0**	**940,761**	
331					**0**	**16**
332					**109,155**	**17**
	0	**0**	**0**	**0**	**109,155**	
341					**0**	**18**
342					**853,522**	**19**
343					**1,946,706**	**20**
344					**0**	**21**
345					**801,927**	**22**
346	2,880				**367,268**	**23**
348					**357,841**	**24**
349					**860**	**25**
	2,880	**0**	**0**	**0**	**4,328,124**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
GENERAL PLANT				
Structures and Improvements (390)	9,802	2.27%	621	**26**
Office Furniture and Equipment (391)	8,681	5.88%	887	**27**
Computer Equipment (391.1)	70,017	25.00%	2,122	**28**
Transportation Equipment (392)	106,458	10.56%	17,560	**29**
Stores Equipment (393)	0			**30**
Tools, Shop and Garage Equipment (394)	32,830	5.88%	4,347	**31**
Laboratory Equipment (395)	641	5.88%	342	**32**
Power Operated Equipment (396)	22,166	6.07%	3,412	**33**
Communication Equipment (397)	20,940	9.09%	2,260	**34**
SCADA Equipment (397.1)	169,417	10.00%	36,350	**35**
Miscellaneous Equipment (398)	0			**36**
Other Tangible Property (399)	0			**37**
Total General Plant	**440,952**		**67,901**	
Total accum. prov. directly assignable	**5,543,790**		**802,101**	
Common Utility Plant Allocated to Water Department	0			**38**
Total accum. prov. for depreciation	**5,543,790**		**802,101**	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390					**10,423**	**26**
391					**9,568**	**27**
391.1					**72,139**	**28**
392	34,907		7,627		**96,738**	**29**
393					**0**	**30**
394					**37,177**	**31**
395					**983**	**32**
396					**25,578**	**33**
397					**23,200**	**34**
397.1					**205,767**	**35**
398					**0**	**36**
399					**0**	**37**
	34,907	**0**	**7,627**	**0**	**481,573**	
	51,234	**0**	**7,627**	**0**	**6,302,284**	
					0	**38**
	51,234	**0**	**7,627**	**0**	**6,302,284**	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply: Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)	Total Gallons All Methods (000's) (e)	
January			99,089	**99,089**	1
February			89,021	**89,021**	2
March			100,721	**100,721**	3
April			100,196	**100,196**	4
May			121,488	**121,488**	5
June			130,329	**130,329**	6
July			153,686	**153,686**	7
August			143,700	**143,700**	8
September			128,560	**128,560**	9
October			102,380	**102,380**	10
November			92,414	**92,414**	11
December			98,292	**98,292**	12
Total for year	**0**	**0**	**1,359,876**	**1,359,876**	

Less: Measured or estimated water used in main flushing and water treatment during year		16,215	13
Less: Other utility use		31,236	14
Other utility use explanation:			15
Tower cleaning & overflows	10,869		
Water main breaks & other leaks	20,217		
Fire Dept. usage	150		
Water pumped into distribution system		**1,312,425**	16
Less: Water sold		1,086,021	17
Losses and unaccounted for		**226,404**	18
Percent unaccounted for to the nearest whole percent (%)		**17%**	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:			20
The utility is continung to evalute the distribution sytem to reduce water losses.			
Maximum gallons pumped by all methods in any one day during reporting year		3,759	21
Date of maximum: 6/23/1998			22
Cause of maximum:			23
Hot weather, lawn watering.			
Minimum gallons pumped by all methods in any one day during reporting year		1,514	24
Date of minimum: 11/11/1998			25
Total KWH used for pumping for the year		4,671,753	26
If water is purchased:Vendor Name:			27
Point of Delivery:			28

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
CARDINAL CREST	3	1,029	10	165,000	No	1
IMPERIAL ESTATES 1	4	1,742	12	1,080,000	Yes	2
IMPERIAL ESTATES 2	5	350	10	230,000	Yes	3
CAMELOT FOREST 1	6	250	10	339,840	Yes	4
CAMELOT FOREST 2	7	250	10	547,200	Yes	5
CARRIAGE HILLS 1	8	350	8	302,000	Yes	6
CARRIAGE HILLS 2	9	1,800	12	576,000	Yes	7
DOMINIC HEIGHTS 1	10	1,635	12	576,000	Yes	8
DOMINIC HEIGHTS 2	11	359	12	360,000	Yes	9
MISSION HEIGHTS 1	12	350	8	259,200	No	10
MISSION HEIGHTS 2	13	350	8	288,000	No	11
WIRTH	14	350	12	309,000	Yes	12
BROOKFIELD SQUARE 1	15	1,800	15	1,368,000	Yes	13
BROOKFIELD SQUARE 2	16	1,000	10	316,000	Yes	14
ARROWHEAD LAKES	17	400	12	864,000	Yes	15
LAMPLIGHTER PARK	18	380	10	252,000	Yes	16
INDUSTRIAL PARK	19	200	8	720,000	Yes	17
FOUNTAIN PLAZA	20	400	10	288,000	Yes	18
STONEBROOK	21	376	12	432,000	Yes	19
BISHOPS WOODS	22	1,598	15	792,000	Yes	20
MARYBROOK	23	392	8	136,800	No	21
BURLEIGH	24	1,600	16	1,224,000	Yes	22
CHADWICK GREEN 1	25	252	12	864,000	Yes	23
CHADWICK GREEN 2	27	1,555	17	1,440,000	Yes	24
PILGRIM RD 1	28	300	15	792,000	Yes	25
PILGRIM RD 2	29	1,690	17	1,584,000	Yes	26

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
NONE					1

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	ARROWHEAD LAKES	BISHOPS WOODS	BROOKFIELD SQUARE #1	1
Location	16600 SHORE LINE DR	13200 BISHOPS LN	238 S MOORLAND RD	2
Purpose	P	P	P	3
Destination	T	D	R	4
Pump Manufacturer	LAYNE NORTHWEST	LAYNE NORTHWEST	AMERICAN TURBINE	5
Year Installed	1994	1977	1994	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	600	525	950	8
Pump Motor or				9
Standby Engine Mfr	US MOTORS	GENERAL ELECTRIC	US MOTORS	10
Year Installed	1994	1977	1967	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	150	200	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	BROOKFIELD SQUARE #2	BROOKFIELD SQUARE #3	BROOKFIELD SQUARE #4	14
Location	238 S MOORLAND RD	238 S MOORLAND RD	238 S MOORLAND RD	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	SIMMONS	US PUMP	US PUMP	18
Year Installed	1994	1967	1967	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	200	1,000	1,000	21
Pump Motor or				22
Standby Engine Mfr	FRANKLIN	US MOTORS	US MOTORS	23
Year Installed	1996	1985	1985	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	50	100	100	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	BURLEIGH RD	CAMELOT #1	CAMELOT #2	1
Location	13595 W BURLEIGH RD	2315 GUINEVERE DR	21825 GARETH LN	2
Purpose	P	P	P	3
Destination	R	D	D	4
Pump Manufacturer	BYRON JACKSON	BYRON JACKSON	BYRON JACKSON	5
Year Installed	1988	1991	1988	6
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	850	236	380	8
Pump Motor or				9
Standby Engine Mfr	BYRON JACKSON	US MOTORS	BYRON JACKSON	10
Year Installed	1988	1962	1988	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	20	40	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	CARDINAL CREST #1	CARDINAL CREST #2	CARDINAL CREST #3	14
Location	33122 CARDINAL CREST DR	13120 CARDINAL CREST	13120 CARDINAL CREST DR	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	FAIR MORSE	BYRON JACKSON	BYRON JACKSON	18
Year Installed	1973	1959	1959	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	130	500	200	21
Pump Motor or				22
Standby Engine Mfr	FAIR MORSE	US MOTORS	US MOTORS	23
Year Installed	1973	1959	1959	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	40	25	10	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	CARRIAGE HILLS #1	CARRIAGE HILLS #2	CHADWICK GREENS #1	1
Location	1920 N BROOKFIELD RD	1920 N BROOKFIEL RD	21175 CAMDEN LN	2
Purpose	P	P	P	3
Destination	R	R	T	4
Pump Manufacturer	GRUNDFOS	BYRON JACKSON	AMERICAN TURBINE	5
Year Installed	1994	1987	1993	6
Type	SUBMERSIBLE	SUBMERSIBLE	VERTICAL TURBINE	7
Actual Capacity (gpm)	210	400	600	8
Pump Motor or				9
Standby Engine Mfr	FRANKLIN	BYRON JACKSON	US MOTORS	10
Year Installed	1994	1988	1993	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	25	100	30	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	CHADWICK GREENS #2	CHADWICK GREENS #3	CHADWICK GREENS #4	14
Location	21175 CAMDEN LANE	21175 CAMDEN LANE	21175 CAMDEN LANE	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	AMERICAN TURBINE	AMERICAN TURBINE	AMERICAN TURBINE	18
Year Installed	1993	1993	1993	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,000	1,600	1,250	21
Pump Motor or				22
Standby Engine Mfr	PLEUGER	US MOTORS	US MOTORS	23
Year Installed	1993	1993	1993	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	250	100	75	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	CHADWICK GREENS #5	DOMINIC HEIGHTS #1	DOMINIC HEIGHTS #2	1
Location	21175 CAMDEN LN	18015 ST JAMES RD	3905 MOUNTAIN DR	2
Purpose	B	P	P	3
Destination	D	D	D	4
Pump Manufacturer	AMERICAN TURBINE	GOULDS	LAYNE	5
Year Installed	1993	1997	1990	6
Type	VERTICAL TURBINE	SUBMERSIBLE	SUBMERSIBLE	7
Actual Capacity (gpm)	550	500	250	8
Pump Motor or				9
Standby Engine Mfr	US MOTORS	PLEUGER	FRANKLIN	10
Year Installed	1993	1997	1995	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	30	150	30	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	FOUNTAIN PLAZA	GEBHARDT	HAWKS RIDGE	14
Location	16900 W CAPITOL DR	19605 GEBHARDT RD	840 HAWKS RIDGE RD	15
Purpose	P	B	B	16
Destination	D	D	D	17
Pump Manufacturer	REDA	LAYNE	AMERICAN TURBINE	18
Year Installed	1976	1987	1993	19
Type	SUBMERSIBLE	SUBMERSIBLE	SUBMERSIBLE	20
Actual Capacity (gpm)	200	440	190	21
Pump Motor or				22
Standby Engine Mfr	FRANKLIN	PLEUGER	HITACHI	23
Year Installed	1988	1987	1993	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	20	20	8	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	IMPERIAL ESTATES #1	IMPERIAL ESTATES #2	INDUSTRIAL PARK	1
Location	4725 IMPERIAL DR	4450 CORAL DR	20795 INDUSTRY AVE	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	LAYNE	BYRON JACKSON	5
Year Installed	1990	1989	1990	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	SUBMERSIBLE	7
Actual Capacity (gpm)	750	150	500	8
Pump Motor or				9
Standby Engine Mfr	GENERAL ELECTRIC	US MOTOR	BYRON JACKSON	10
Year Installed	1993	1960	1986	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	25	40	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	LAMPLIGHTER PARK	MARYBROOK	MISSION HEIGHTS #1	14
Location	3375 BURLAWN PKWY	510 ADELMAN CT	3015 SAN GABRIEL DR	15
Purpose	P	P	P	16
Destination	D	D	D	17
Pump Manufacturer	GRUNDFOS	STA-RITE	LAYNE	18
Year Installed	1997	1996	1983	19
Type	SUBMERSIBLE	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	200	95	180	21
Pump Motor or				22
Standby Engine Mfr	FRANKLIN	FRANKLIN	GENERAL ELECTRIC	23
Year Installed	1997	1996	1965	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	30	15	15	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	MISSION HEIGHTS #2	MT PLEASANT	PARC DU CHATEAU	1
Location	3050 SAN MARCOS DR	1690 GREENVIEW DR	17975 COLLINE VUE BLVD	2
Purpose	P	B	B	3
Destination	D	D	D	4
Pump Manufacturer	JACUZZI	PLEUGER	PLUEGER	5
Year Installed	1965	1993	1996	6
Type	VERTICAL TURBINE	SUBMERSIBLE	SUBMERSIBLE	7
Actual Capacity (gpm)	200	190	120	8
Pump Motor or				9
Standby Engine Mfr	GENERAL ELECTRIC	PLUEGER	PLUEGER	10
Year Installed	1965	1993	1996	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	15	10	10	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PHEASANT RUN #1	PHEASANT RUN #2	PILGRIM RD #1	14
Location	19390 DAVIDSON RD	19390 DAVIDON RD	4520 PILGRIM RD	15
Purpose	B	B	P	16
Destination	D	D	R	17
Pump Manufacturer	AURORA	AURORA	GRUNDFOS	18
Year Installed	1994	1994	1997	19
Type	CENTRIFUGAL	CENTRIFUGAL	SUBMERSIBLE	20
Actual Capacity (gpm)	340	340	1,100	21
Pump Motor or				22
Standby Engine Mfr	MARATHON	MARATHON	PLUEGER	23
Year Installed	1994	1994	1997	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	8	8	250	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PILGRIM RD #2	PILGRIM RD #3	PILGRIM RD #4	1
Location	4520 PILGRIM RD	4520 PILGRIM RD	4520 PILGRIM RD	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	GOULDS	GOULDS	GOULDS	5
Year Installed	1997	1997	1997	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	550	500	1,000	8
Pump Motor or				9
Standby Engine Mfr	US MOTORS	US MOTORS	US MOTORS	10
Year Installed	1997	1997	1997	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	30	75	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PILGRIM RD #5	STILL POINT	STONEBROOK	14
Location	4520 PILGRIM RD	19305 NORTH AVE	3590 TARRYTOWN RD	15
Purpose	P	B	P	16
Destination	D	D	D	17
Pump Manufacturer	GOULDS	PLEUGER	LAYNE	18
Year Installed	1997	1993	1993	19
Type	VERTICAL TURBINE	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,000	215	300	21
Pump Motor or				22
Standby Engine Mfr	US MOTORS	PLEUGER	GENERAL ELECTRIC	23
Year Installed	1997	1993	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	75	10	25	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	TANGELWOOD #1	TANGELWOOD #2	WESTON HILLS #1	1
Location	820 HAVENWOOD CT	820 HAVENWOOD CT	965 S BROOKFIELD RD	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	AURORA	AURORA	AURORA	5
Year Installed	1994	1986	1997	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	360	500	350	8
Pump Motor or				9
Standby Engine Mfr	MARATHON	US MOTORS	US MOTORS	10
Year Installed	1994	1986	1997	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	10	10	15	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	WESTON HILLS #2	WIRTH PARK #1	WIRTH PARK #2	14
Location	965 S BROOKFIELD RD	2645 PILGRIM RD	2645 PILGRIM RD	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	AURORA	GRUNDFOS	BRYON JACKSON	18
Year Installed	1997	1994	1965	19
Type	CENTRIFUGAL	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	350	215	250	21
Pump Motor or				22
Standby Engine Mfr	US MOTORS	FRANKLIN	US MOTORS	23
Year Installed	1997	1994	1965	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	15	15	10	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	WIRTH PARK #3			1
Location	2645 PILGRIM RD			2
Purpose	B			3
Destination	D			4
Pump Manufacturer	BRYON JACKSON			5
Year Installed	1985			6
Type	VERTICAL TURBINE			7
Actual Capacity (gpm)	100			8
Pump Motor or				9
Standby Engine Mfr	US MOTORS			10
Year Installed	1985			11
Type	ELECTRIC			12
Horsepower	8			13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				14
Location				15
Purpose				16
Destination				17
Pump Manufacturer				18
Year Installed				19
Type				20
Actual Capacity (gpm)				21
Pump Motor or				22
Standby Engine Mfr				23
Year Installed				24
Type				25
Horsepower				26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	ARROWHEAD LAKES	BISHOPS WOODS	BROOKFIELD SQUARE	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)			R	5
Year constructed			1967	6
Primary material (earthen, steel,				7
concrete, other)			CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)			0	10
Total capacity in gallons			500,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	PRESSURE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	0.8640	0.0000	0.0000	22
Is a corrosion control chemical				23
used (yes, no)?	Y	Y	Y	24
Is water fluoridated (yes, no)?	N	N	N	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	BURLEIGH ROAD	CAMELOT FOREST 2	CAPITOL DRIVE	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	ET		ET	5
Year constructed	1977		1981	6
Primary material (earthen, steel,				7
concrete, other)	STEEL		STEEL	8
Elevation difference in feet				9
(See Headnote 3.)	179		172	10
Total capacity in gallons	400,000		1,000,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID		14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE		17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE		19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	0.0000	0.0000		22
Is a corrosion control chemical				23
used (yes, no)?	Y	Y		24
Is water fluoridated (yes, no)?	N	N		25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	CARDINAL CREST	CARRIAGE HILLS	CARRIAGE HILLS ADDN	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1959	1971	1977	6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	0	0	0	10
Total capacity in gallons	75,000	101,000	150,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)		LIQUID		14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)		WELLHOUSE		17
Filters, type (gravity, pressure,				18
other, none)		NONE		19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)		0.0000		22
Is a corrosion control chemical				23
used (yes, no)?		Y		24
Is water fluoridated (yes, no)?		N		25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	CHADWICK GREEN	DOMINIC HEIGHTS 1	DOMINIC HEIGHTS 2	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R			5
Year constructed	1994			6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE			8
Elevation difference in feet				9
(See Headnote 3.)	0			10
Total capacity in gallons	507,000			11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	GRAVITY	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	2.3040	0.0000	0.0000	22
Is a corrosion control chemical				23
used (yes, no)?	Y	Y	Y	24
Is water fluoridated (yes, no)?	N	N	N	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	ELMBROOK HOSPITAL	INDUSTRIAL PARK	LAMPLIGHTER PARK	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	ET	ET		5
Year constructed	1978	1973		6
Primary material (earthen, steel,				7
concrete, other)	STEEL	STEEL		8
Elevation difference in feet				9
(See Headnote 3.)	150	181		10
Total capacity in gallons	250,000	400,000		11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)		LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)		WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)		NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)		0.0000	0.0000	22
Is a corrosion control chemical				23
used (yes, no)?		Y	Y	24
Is water fluoridated (yes, no)?		N	N	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	MARYBROOK	MISSION HEIGHTS 1	PILGRIM RD	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)			R	5
Year constructed			1997	6
Primary material (earthen, steel,				7
concrete, other)			CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)			0	10
Total capacity in gallons			700,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	0.0000	0.0000	0.0000	22
Is a corrosion control chemical				23
used (yes, no)?	Y	Y	Y	24
Is water fluoridated (yes, no)?	N	N	N	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	STONEBROOK	SUNNYSLOPE (I-94)	WIRTH PARK	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)		S	R	5
Year constructed		1976	1965	6
Primary material (earthen, steel,				7
concrete, other)		STEEL	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)		80	0	10
Total capacity in gallons		1,000,000	50,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	LIQUID		LIQUID	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	WELLHOUSE		WELLHOUSE	17
Filters, type (gravity, pressure,				18
other, none)	NONE		NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	0.0000		0.0000	22
Is a corrosion control chemical				23
used (yes, no)?	Y		Y	24
Is water fluoridated (yes, no)?	N		N	25

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If the assessments are deferred, explain.

			Number of Feet					
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	2.000	414	0	0	0	**414**	1
M	D	3.000	3,072	0	0	0	**3,072**	2
M	D	4.000	3,650	0	0	0	**3,650**	3
P	D	4.000	2,585	320	0	0	**2,905**	4
M	D	6.000	137,596	0	0	0	**137,596**	5
P	D	6.000	227,686	12,673	0	0	**240,359**	6
M	T	8.000	68,401	0	0	0	**68,401**	7
P	T	8.000	229,042	15,304	0	0	**244,346**	8
M	T	10.000	3,579	0	0	0	**3,579**	9
P	T	10.000	40,360	4,572	0	0	**44,932**	10
M	T	12.000	49,559	0	0	0	**49,559**	11
P	T	12.000	130,497	8,334	0	0	**138,831**	12
A	T	16.000	4,989	0	0	0	**4,989**	13
M	T	16.000	36,530	0	0	0	**36,530**	14
Total Within Municipality			**937,960**	**41,203**	**0**	**0**	**979,163**	
Total Utility			**937,960**	**41,203**	**0**	**0**	**979,163**	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
   d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	903	12	0	0	915		1
M	1.000	5,634	91	0	0	5,725		2
M	1.250	564	224	0	0	788		3
P	1.250	210	0	0	0	210		4
M	1.500	78	15	0	0	93		5
M	2.000	96	0	0	0	96		6
M	3.000	3	0	0	0	3		7
M	4.000	24	0	0	0	24		8
M	6.000	56	0	0	0	56		9
M	8.000	13	0	0	0	13		10
Total Utility		**7,581**	**342**	**0**	**0**	**7,923**	**0**	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	1,325	51	12	0	**1,364**	50	**1**
0.750	5,778	166	12	0	**5,932**	250	**2**
1.000	1,029	139	8	0	**1,160**	160	**3**
1.500	107	10	5	0	**112**	30	**4**
2.000	82	9	1	0	**90**	19	**5**
3.000	33	1	0	0	**34**	4	**6**
4.000	7	0	0	0	**7**	3	**7**
6.000	2	0	0	0	**2**	0	**8**
Total:	**8,363**	**376**	**38**	**0**	**8,701**	**516**	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	988	53	0	0	0	323	**1,364**	**1**
0.750	5,266	417	3	1	0	245	**5,932**	**2**
1.000	796	197	6	3	0	158	**1,160**	**3**
1.500	0	94	1	3	0	14	**112**	**4**
2.000	0	71	0	6	0	13	**90**	**5**
3.000	0	25	2	3	0	4	**34**	**6**
4.000	0	5	0	2	0	0	**7**	**7**
6.000	0	1	0	1	0	0	**2**	**8**
Total:	**7,050**	**863**	**12**	**19**	**0**	**757**	**8,701**	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
   a. Fire hydrants normally have a lead size of 6 inches or greater.
   b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	0				0	**1**
Within Municipality	1,858	87			1,945	**2**
Total Fire Hydrants	**1,858**	**87**	**0**	**0**	**1,945**	
Flushing Hydrants						
	38	5			43	**3**
Total Flushing Hydrants	**38**	**5**	**0**	**0**	**43**	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year:	4,546
Number of distribution system valves end of year:	4,333
Number of distribution valves operated during year:	833

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

Maintenance of Pumping Equipment (633): Repairs made at Carriage Hills and Dominic #1 wells amounted to $58,200.

Maintenance of Distribution Reservoirs and Standpipes (672): Decrease due to the 1997 expense of recoating the Elmbrook Hospital water tower for $63,747.

Maintenance of Transmission and Distribution Mains (673): Increase in 1998 due to the repairing of water main breaks.

Maintenance of Meter (676): Decrease due to fewer meters changed-out in 1998 (155) compared to 1997 (702).

Outside Services Employed (923): Increase of $28,300 in 1998 was due to the hiring of an outside consultant for the utility mapping project.

Water Utility Plant in Service (Page W-08)

Electric Pumping Equipment (325) Additions: Weston Hills Booster Station pumps and motors were booked for a cost of $93,982. Domonic Heights #1 pump and motor replaced for a cost of $75,638.

Water Mains (Page W-17)

Additions were financed by municipal bond issues or by developer dedications. Assessments levied against a property owner can be deferred for three or five years, depending on the type of project. Watermain extensions were assessed at a rate based upon actual construction cost for said installation, repayable over 10 years at a 7% interest rate.

Water Services (Page W-18)

The total number of utility-owned services which are temporarily shut off at the curb box or otherwise not in use is unknown. The additions include 200 services installed by developers, 11 services (each @ $750) financed by application of Cz-1, and 131 services assessed against property owners based on actual construction costs.

Hydrants and Distribution System Valves (Page W-20)

The utility is continuing to put an emphasis on operating system valves. Total valves operated in 1996 were 794, in 1997 there were 1,289 valves operated and for 1998 the utility operated 833 valves.